

Amendments to the Specification:

Add the following Abstract:

--Abstract of the Disclosure

The invention relates to a plate heat exchanger and a method for manufacturing a plate heat exchanger. The plate heat exchanger includes a number of heat exchanger plates (1), which are substantially parallel to an extension plane and arranged adjacent to each other in a plate package (2). A first end plate (8) and a second end plate (9) are arranged on a respective side of the plate package. A first tie sheet (10) and a second tie sheet are arranged on a respective side of the plate package substantially perpendicular to the extension plane. At least one connection member (17) extends between the tie sheets outside one of the end plates (9) and at least one beam (16) extends outside the second end plate (8) in parallel to an extension plane in engagement with the attachment of each tie sheet (10).